



United States Environmental Protection Agency  
Contract Laboratory Program Sample Management Office  
PO Box 818 Alexandria, VA 22313  
703-557-2490 FTS 557-2490

# Inorganic Traffic Report

(For Inorganic CLP Analysis)

SAS No.  
(if applicable)

105686

Case No.

16897

1. Project Code	Account Code	2. Region No. 07	Sampling Co.	4. Date Shipped 7/31/91	Carrier Fed. Ex.	6. Preservative (Enter in Column D)	7. Sample Description (Enter in Column A)	Double volume required for spike/duplicate analysis sample.  Ship medium and high concentration samples in paint cans.  See reverse for additional standard instructions.  For total or dissolved metals, check only one RAS analysis per each sample.
Regional Information Superfund		Sampler (Name) Bob Astor		Airbill Number 0657920771		1. HNO <sub>3</sub> 2. NaOH 3. HCl 4. H <sub>2</sub> SO <sub>4</sub> 5. Ice only 6. Other (SAS) (Specify) N. Not preserved		
Non-Superfund Program		Sampler Signature Bob Astor		5. Ship To BETRPA		1. Surface Water 2. Ground Water 3. Leachate 4. Rinsate 5. Soil/Sediment 6. Oil (SAS) 7. Waste (SAS) 8. Other (SAS) (Specify)		
Site Name Cedar Falls Fm		3. Type of Activity						
City, State Cedar Falls, IA		Site Spill ID 22		ENF <input type="checkbox"/> PA <input type="checkbox"/> ER <input type="checkbox"/> RA <input type="checkbox"/> LSI <input type="checkbox"/> RD <input checked="" type="checkbox"/> NPLD <input type="checkbox"/> STSI <input type="checkbox"/> Other <input type="checkbox"/>				

CLP Sample Numbers (from labels)	A Enter # from Box 7	B Conc. Low Med High	C Sample Type: Comp./ Grab	D Preservative from Box 6	E - RAS Analysis							F Regional Specific Tracking Number or Tag Numbers	G Station Location Number	H Mo/Day/ Year/Time Sample Collection	I Sampler Initials	J Corresp. CLP Org. Samp. No.
					Metals		Cyanide	Low Conc.		High						
					Total	Dissolved		Nitrate/ Nitrite	Fluoride	pH	Conductivity					
M6T001	5	L	C	5	X	X						DSX72 001	15	7/30/91 9:30	PA	
002*												002*	155	9:50		
003												003	35	11:25		
004												004	355	11:40		
005												005	45	12:35		
006												006	455	12:55		
007												007	25	1:15		
008												008	255	1:20		
009												009D	255-D	1:20		
010												101	background	16:10		

Shipment for Case complete? (Y/N)



PS L 93

M6T002 Designated Lab. QC sample for this MSDR

## CHAIN OF CUSTODY RECORD

Relinquished by: (Signature) Mick Rody	Date / Time 7/31/91 4:10	Received by: (Signature) Fed. Ex.	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Received by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	Is custody seal intact? Y/N/none

EPA Form 9110-1 (Rev. 11-90) Replaces EPA Form (2075-6), previous edition which may be used

### DISTRIBUTION:

Green - Region Copy Pink - SMO Copy White - Lab Copy for Return to SMO Yellow - Lab Copy

Split Samples ☐ Accepted (Signature)

☐ Declined



30216185

Superfund

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## 1. Inorganic Sample Collection Requirements

WATER SAMPLES	REQUIRED VOLUME	CONTAINER TYPE
METALS ANALYSIS (LOW LEVEL)	1 LITER	1 x 1-LITER POLYETHYLENE BOTTLE OR 2 x 500 ML. POLYETHYLENE BOTTLE
METALS ANALYSIS (MEDIUM LEVEL*)	16 OZ.	1 x 16-OZ. WIDE-MOUTH GLASS JAR
CYANIDE (CN <sup>-</sup> ) ANALYSIS (LOW LEVEL)	1 LITER	1 x 1-LITER POLYETHYLENE BOTTLE OR 2 x 500 ML. POLYETHYLENE BOTTLE
CYANIDE (CN <sup>-</sup> ) ANALYSIS (MEDIUM LEVEL*)	16 OZ.	1 x 16-OZ. WIDE-MOUTH GLASS JAR

SOIL/SEDIMENT SAMPLES	REQUIRED VOLUME	CONTAINER TYPE
METALS AND CYANIDE (CN <sup>-</sup> ) ANALYSIS (LOW OR MEDIUM LEVEL*)	6 OZ.	1 x 8-OZ. WIDE-MOUTH GLASS JAR OR 2 x 4-OZ. WIDE-MOUTH GLASS JARS

## HIGH CONCENTRATION SAMPLE COLLECTION REQUIREMENTS

LIQUID OR SOLID SAMPLES	REQUIRED VOLUME	CONTAINER TYPE
METALS AND CYANIDE* ANALYSIS	6 OZ.	1 x 8-OZ. WIDE-MOUTH GLASS JAR

\*ALL MEDIUM AND HIGH LEVEL SAMPLES TO BE SEALED IN METAL CAN FOR SHIPMENT



## 1. Inorganic Sample Collection Requirements

- Aqueous samples require one double-volume sample per twenty per concentration for Matrix Spike and Duplicate.
- Preserve low level water samples:
  - Total Metals Preserve with HNO<sub>3</sub> to pH ≤ 2.
  - Dissolved Metals Preserve with HNO<sub>3</sub> to pH ≤ 2. No further digestion required.
  - Cyanide Preserve with 10 N NaOH to pH ≥ 12.
- Oily samples must be analyzed under the Special Analytical Services (SAS) program.

## 2. Cooler and Sample Documentation

- Complete all sections of the Traffic Report/Chain of Custody Form. Press firmly with a ball-point to ensure that carbon copies are legible. Check the information and correct any errors.
- Please remember to complete the Chain of Custody information on the form.
- Seal two sets of laboratory Traffic Report/Chain of Custody form copies in a plastic bag. Include a return address for the cooler. Tape bag under cooler lid.
- Overlap the lid and bottle of each sample container with custody seals.
- Seal each container in a plastic bag.
- Pack medium and high concentration samples in metal cans.
- Separate and surround cooler contents with vermiculite or equivalent packaging.
- Seal the cooler, overlapping the lid and body with custody seals.
- Send SMO the pink copy of the Traffic Report/Chain of Custody form within 5 days.

## 3. Sample Shipment Reporting

- PHONE IN ALL SHIPMENTS IMMEDIATELY TO SMO (or to RSCC, if instructed)
- Required Information:
  - Case (and/or SAS) Number
  - Date Shipped
  - Number of samples by concentration and matrix
  - Carrier and airbill number
  - Next planned shipment
- Leave your name and a number where you can be reached.
- Information for SATURDAY DELIVERIES must be phoned in by 3:00 p.m. (Eastern) the preceding FRIDAY.
- Report any delays or changes of scope (i.e., changes in number of samples to be collected, matrix changes, etc.)
- CALL IF YOU HAVE ANY QUESTIONS.
  - USEPA Contract Laboratory Program
  - Sample Management Office
  - P.O. Box 818
  - Alexandria, VA 22313
  - Phone: (703) 557-2490

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[illegible]

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Relinquished by: (Signature) N. K. K. K.	Date / Time 7/31/91 4:50	Received by: (Signature) Det. S. S.	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
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